



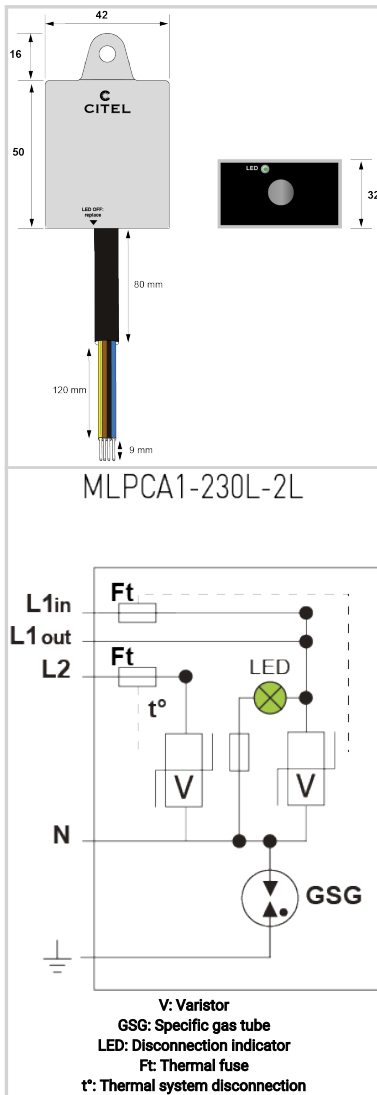
CITEL

Compact Type 2 hard wired surge protector

MLPCA1-230L-2L



- Type 2 (or 3) 2 phase + N surge protector
- Compact
- Wall mounting
- Status indicators
- IP65
- AC disconnection in case of end of life



Electrical Characteristics		
SPD type	IEC	2+3
Network		2-phase + N 220-240 V
AC system		TT-TN
Nominal line voltage	Un	230 V
Max. AC operating voltage	Uc	320 Vac
Max. load current @25°C	IL	10 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection
Follow current	If	None
Nominal discharge current 15 x 8/20 µs impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	10 kA
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total	30 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	10 kV
Withstand on overvoltages IEEE C62.41.1		10 kV / 10 kA
Protection mode(s)		Common/Differential mode
Protection level @ In (8/20µs)	Up	1.5 kV
Protection level L/N @ In (8/20µs)	Up L/N	1.5 kV
Protection level L/PE @ In (8/20µs)	Up L/PE	1.5 kV
Admissible short-circuit current	Iscrr	10 000 A
Mechanical Characteristics		
Technology		MOV+GDT
Connection to Network		Cable with 5-wire of 1.5mm ²
Mounting		Wall or plate
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
Failsafe mode		Disconnection and AC line cut-off
Disconnection indicator		LED green OFF and AC network cut-off
Operating indicator		Green Led ON
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number		
835265		

